

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

Enz-473

446,235

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Christine L. Brakel, et al.

FILING DATE

December 4, 1989

GROUP

183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
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	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

G.K.	AR	van der Krol, et al., <u>BioTechniques</u> , 6:958-976 (1988)
G.K.	AS	Inoue, et al., <u>Nucleic Acids Symposium Series</u> , 18:221-224 (1987)
G.K.	AT	Markus-Sekura, et al., <u>Nucleic Acids Research</u> , 15:5749-5763 (1987)

EXAMINER

Gary L. Kunz

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8/24/91

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A.K.	AR	Agrawal, et al., <u>Proc. Natl. Acad. Sci. (USA)</u> , 85:7079-7083 (1988)
A.K.	AS	Stein, et al., <u>Nucleic Acids Research</u> , 16:3209-3221 (1988)
A.K.	AT	Sun, et al., <u>Biochemistry</u> , 27:6039-6045 (1988)

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A.K.	AR	Sarin, et al., <u>Proc. Natl. Acad. Sci. (USA)</u> , <u>85:7448-7451</u> (1988)
A.K.	AS	Quartin, et al., <u>Biochemistry</u> , <u>28:1040-1047</u> (1989)
A.K.	AT	Maniatis, et al., <u>Molecular Cloning: A Laboratory Manual</u> ,
		Cold Spring Harbor Laboratory, pp. 109-110 (1982)

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A.K.	AR	Minshull, et al., <u>Nucleic Acids Research</u> , 14:6433-6451 (1986)
A.K.	AS	Cazenave, et al., <u>Nucleic Acids Research</u> , 15:4717-4736 (1987)
A.K.	AT	Miller, et al., <u>Biochimie</u> , 67:769-776 (1985)

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	AR	Maher, et al., <u>Nucleic Acids Research</u> , 16:3341-3358 (1988)
A.K.		
	AS	Smith, et al., <u>Proc. Natl. Acad. Sci. (USA)</u> 83:2787-2791 (1986)
A.K.		
	AT	Agris, et al., <u>Biochemistry</u> , 25:6268-6275 (1986)
M.K.		

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A.K.	AR	Melton, et al., <u>Nucleic Acids Research</u> , 12:7035-7056 (1984)
A.K.	AS	Agrawal, et al., <u>Tetrahedron Letters</u> , 28:3359-3542 (1987)
A.K.	AT	Dash, et al., <u>Proc. Natl. Acad. Sci. (USA)</u> 84:7896-7900 (1987)

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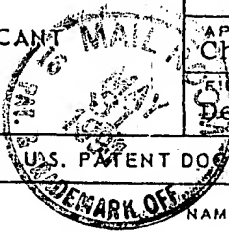
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A.K.	AR	Quartin, et al., <u>Nucleic Acids Research</u> 18:7253-7262 (1989)
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	AT	

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